

AMENDMENT(S) TO THE CLAIMS

1. (Currently amended) ~~A system for an~~ An integrated circuit card interface device, said interface device operable in one or more modes of operation, comprising:

- an application memory;
- an application engine for managing one or more applications in said application memory;
- an input/output module;
- a host interface; and
- one or more integrated circuit card interfaces;
- ~~a display unit; and~~
- ~~an input unit;~~

~~wherein said application engine interacts with said input/output module appropriate to said mode~~ the interface device is adapted to enable operation in accordance with multiple modes of operation to interface with an integrated circuit card operably connected to said interface device.

2. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said application memory further comprises a read-only memory.

3. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said application memory further comprises an electrically erasable programmable read only memory.

4. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said application engine further comprises a microcontroller.

5. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 4, wherein said microcontroller further comprises said application memory.

6. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said input/output module comprises a microcontroller.

7. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said application engine further comprises a custom circuit.

8. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 7, wherein said custom circuit further comprises said application memory.

9. (Currently amended) ~~A system~~ An integrated circuit card interface device as in claim 1, wherein said input/output module further comprises a custom circuit.

Claims 10-40 are canceled.

41. (New) An integrated circuit card interface device as in claim 1, wherein the interface device is portable.

42. (New) An integrated circuit card interface device as in claim 1, wherein each mode of operation is characterized by the nature of the device or devices, if any, to which the interface device can be operably connected to enable communication therebetween during operation in that mode.

43. (New) An integrated circuit card interface device as in claim 42, wherein the multiple modes of operation comprise a standalone mode of operation in which the interface device is not operably connected to a host device via the host interface.

44. (New) An integrated circuit card interface device as in claim 43, wherein the standalone mode of operation comprises a mode of operation in which the interface device is operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

45. (New) An integrated circuit card interface device as in claim 44, wherein the standalone mode of operation further comprises a mode of operation in which the interface device is not operably connected to another device to enable communication therebetween.

46. (New) An integrated circuit card interface device as in claim 45, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

47. (New) An integrated circuit card interface device as in claim 46, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

48. (New) An integrated circuit card interface device as in claim 44, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

49. (New) An integrated circuit card interface device as in claim 48, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

50. (New) An integrated circuit card interface device as in claim 43, wherein the standalone mode of operation comprises a mode of operation in which the interface device is not operably connected to another device to enable communication therebetween.

51. (New) An integrated circuit card interface device as in claim 50, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

52. (New) An integrated circuit card interface device as in claim 51, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

53. (New) An integrated circuit card interface device as in claim 43, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

54. (New) An integrated circuit card interface device as in claim 53, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

55. (New) An integrated circuit card interface device as in claim 42, wherein the multiple modes of operation comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

56. (New) An integrated circuit card interface device as in claim 55, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

57. (New) An integrated circuit card interface device as in claim 1, wherein the multiple modes of operation comprise a programming mode of operation in which the interface device is operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces, and/or to a host

device via the host interface, to enable one or more programs to be added to, and/or deleted from, the interface device.

58. (New) An integrated circuit card interface device as in claim 57, wherein the interface device is operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable one or more programs to be added to, and/or deleted from, the interface device during the programming mode of operation.

59. (New) An integrated circuit card interface device as in claim 57, wherein the interface device is operably connected to a host device via the host interface to enable one or more programs to be added to, and/or deleted from, the interface device during the programming mode of operation.

60. (New) An integrated circuit card interface device as in claim 57, wherein the interface device is operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces and to a host device via the host interface to enable one or more programs to be added to, and/or deleted from, the interface device during the programming mode of operation.

61. (New) An integrated circuit card interface device as in claim 57, wherein the multiple modes of operation further comprise a standalone mode of operation in which the interface device is not operably connected to a host device via the host interface.

62. (New) An integrated circuit card interface device as in claim 61, wherein the standalone mode of operation comprises a mode of operation in which the interface device is operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

63. (New) An integrated circuit card interface device as in claim 61, wherein the standalone mode of operation further comprises a mode of operation in which the interface device is not operably connected to another device to enable communication therebetween.

64. (New) An integrated circuit card interface device as in claim 61, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

65. (New) An integrated circuit card interface device as in claim 64, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

66. (New) An integrated circuit card interface device as in claim 57, wherein the multiple modes of operation further comprise a connected mode of operation in which the interface device is operably connected to a host device via the host interface to enable communication between the interface device and the host device.

67. (New) An integrated circuit card interface device as in claim 56, wherein during the connected mode of operation the interface device is also operably connected to an integrated circuit card via one of the one or more integrated circuit card interfaces to enable communication between the interface device and the integrated circuit card.

68. (New) An integrated circuit card interface device as in claim 1, further comprising:
a display unit; and
an input unit.

69. (New) A portable integrated circuit card interface device, comprising:

means for operably connecting the interface device to an integrated circuit card to enable communication between the interface device and the integrated circuit card;

means for operably connecting the interface device to a host device to enable communication between the interface device and the host device;

means for operating the interface device in a standalone mode in which the interface device is not operably connected to a host device to enable communication between the interface device and the host device; and

means for operating the interface device in a connected mode in which the interface device is operably connected to a host device to enable communication between the interface device and the host device.

70. (New) A portable integrated circuit card interface device as in claim 69, wherein the standalone mode comprises a mode in which the interface device is operably connected to an integrated circuit card to enable communication between the interface device and the integrated circuit card.

71. (New) A portable integrated circuit card interface device as in claim 70, wherein the standalone mode further comprises a mode in which the interface device is not operably connected to another device to enable communication therebetween.

72. (New) A portable integrated circuit card interface device as in claim 71, wherein the connected mode comprises operably connecting the interface device to an integrated circuit card to enable communication between the interface device and the integrated circuit card.

73. (New) A portable integrated circuit card interface device as in claim 70, wherein the connected mode comprises operably connecting the interface device to an integrated circuit card to enable communication between the interface device and the integrated circuit card.

74. (New) A portable integrated circuit card interface device as in claim 69, wherein the connected mode comprises operably connecting the interface device to an integrated circuit card to enable communication between the interface device and the integrated circuit card.

75. (New) A portable integrated circuit card interface device as in claim 69, wherein the standalone mode comprises a mode in which the interface device is not operably connected to another device to enable communication therebetween.

76. (New) A portable integrated circuit card interface device as in claim 75, wherein the connected mode comprises operably connecting the interface device to an integrated circuit

card to enable communication between the interface device and the integrated circuit card.

77. (New) A portable integrated circuit card interface device as in claim 69, further comprising means for operating the interface device in a programming mode in which the interface device is operably connected to an integrated circuit card and/or to a host device to enable one or more programs to be added to, and/or deleted from, the interface device.